Michigan Poll Toplines

Methodology

Poll number: pr2127

Interview Dates: October 12 - 31, 2021

Sample Population: 379 registered voters in Michigan.

Sample Selection: Scientific online poll - stratified sample of panel respondents.

Weighting Parameters: The sample was weighted based on the U.S. Census Bureau's Voting and Registration Supplement to the Current Population Survey for registered voters in Michigan based on age, gender, race, educational attainment, and Hispanic ethnicity.

The sample was also balanced by reported 2020 presidential vote. The number of voters in 2020's presidential election in Michigan was divided by registered voters in the state as of late October 2020. This proportion was used to weight by those who voted for Biden, Trump, other candidates, or those who did not vote.

Weights were trimmed to a minimum of .3 and a maximum of 3 to prevent individual interviews from having too much influence on the results.

This topline provides weighted percentages, as well as the unweighted N-size for the total sample. Due to the effects of weighting and rounding, figures may or may not add up to 100%. The standard deviation of the weights was: 0.6324478. The maximum weight was: 3. The minimum weight was: 0.3. 95% of the weights were between 0.3373277, 3.

Margin of Error: The 95% credibility interval for this survey is +/- 5.9%, which includes the square root of the design effect (DEFT): 1.1827658.

rdwt…Generally speaking, would you say that things in this country are headed in the right direction or would you say that things are headed off on the wrong track?

Response	Percent	N
Right direction	36%	146
Wrong track	55%	203
Not sure	9%	30

EV1…Do you currently own or lease a vehicle?

Response	Percent	N
No	16%	50
Yes	84%	329

EV2…What kind of vehicle do you usually drive? [AMONG RESPONDENTS WHO CURRENTLY OWN OR LEASE A VEHICLE]

Response	Percent	N
Car	43%	142
Crossover	4%	16
SUV (sports utility vehicle)	39%	129
Truck	9%	26
Van/minivan	5%	16

EV3…Thinking about the vehicle you usually drive, how is it powered? [AMONG RESPONDENTS WHO CURRENTLY OWN OR LEASE A VEHICLE]

Response	Percent	N
Battery electric	1%	4
Plug-in hybrid electric	1%	3
Gas	94%	302
Hybrid	4%	18
Other	1%	2

EV4…How many miles do you put on your primary vehicle (the one you drive most) in a typical year? [AMONG RESPONDENTS WHO CURRENTLY OWN OR LEASE A VEHICLE]

Response	Percent	N
0-5,000 miles	19%	61
5,001-10,000 miles	22%	71
10,001-15,000 miles	23%	71
15,001-20,000 miles	16%	52
20,001-30,000 miles	8%	25
30,001-50,000 miles	7%	28
More than 50,000 miles	5%	21

EV5…How much would you estimate you spend on gasoline in a typical month?

Response	Percent	N
Between 0-50 dollars	31%	96
Between 51-100 dollars	34%	107
Between 101-200 dollars	25%	80
Between 201-300 dollars	8%	29
Between 301-400 dollars	2%	7
More than 400 dollars	1%	4

EV6x1…Approximately how many miles do you drive your vehicle on a typical day for the following purposes? - To commute to and from work

Response	Percent	N
0 miles	48%	176
1-10 miles	22%	84
11-25 miles	14%	57
26-50 miles	13%	47
51-75 miles	3%	11
76-100 miles	0%	2
More than 100 miles	0%	2

EV6x2…Approximately how many miles do you drive your vehicle on a typical day for the following purposes? - Driving on the job

Response	Percent	N
0 miles	73%	276
1-10 miles	9%	32
11-25 miles	7%	33
26-50 miles	7%	26
51-75 miles	2%	6
76-100 miles	1%	3
More than 100 miles	1%	3

EV6x3…Approximately how many miles do you drive your vehicle on a typical day for the following purposes? - Household, family, and other errands

Response	Percent	N
0 miles	10%	30
1-10 miles	44%	170
11-25 miles	27%	103
26-50 miles	13%	53
51-75 miles	3%	12
76-100 miles	2%	7
More than 100 miles	1%	4

EV7…How much have you seen, read, or heard about electric vehicles?

Response	Percent	N
A lot	23%	89
Some	64%	235
Not much	11%	47
Nothing at all	2%	8

EV8…Given what you know, do you have a positive or negative opinion of electric vehicles?

Response	Percent	N
Very positive	27%	98
Somewhat positive	39%	151
Somewhat negative	17%	59
Very negative	6%	27
Not sure	12%	44

EV9x1…Do you plan on purchasing or leasing another vehicle…? [AMONG RESPONDENTS WHO CURRENTLY OWN OR LEASE A VEHICLE]

Response	Percent	N
In the next 6 months	10%	35
In the next 7 months to 1 year	18%	68
In the next 2 to 3 years	27%	88
In the next 4 to 5 years	11%	30
In more than 5 years	11%	37
I do not plan on purchasing or leasing a vehicle	8%	26
Not sure	15%	45

EV9x2…Do you plan on purchasing or leasing a vehicle…? [AMONG RESPONDENTS WHO DO NOT CURRENTLY OWN OR LEASE A VEHICLE]

Response	Percent	N
In the next 6 months	12%	6
In the next 7 months to 1 year	14%	8
In the next 2 to 3 years	23%	9
In more than 5 years	1%	1
I do not plan on purchasing or leasing a vehicle	38%	20
Not sure	11%	6

EV10…How likely are you to purchase or lease an electric vehicle? [AMONG RESPONDENTS WHO ARE PLANNING ON PURCHASING OR LEASING ANOTHER VEHICLE IN THE NEXT 5 YEARS]

Response	Percent	N
Very likely	16%	49
Somewhat likely	31%	92
Somewhat unlikely	20%	53
Very unlikely	24%	68
Not sure	8%	20

EV11…If you were to purchase or lease an electric vehicle for your next vehicle, what type would you be MOST likely to get? [AMONG RESPONDENTS WHO ARE LIKELY TO PURCHASE OR LEASE AN ELECTRIC VEHICLE]

Response	Percent	N
Car	34%	47
Crossover	9%	16
SUV (sports utility vehicle)	43%	59
Truck	11%	14
Van/minivan	3%	5

EV12x1…Would each of the following make you more or less likely to consider an electric vehicle? - Federal tax rebate of $7,500 for purchasing an electric vehicle

Response	Percent	N
Much more likely	29%	118
Somewhat more likely	38%	135
Somewhat less likely	6%	24
Much less likely	4%	16
No difference either way	24%	86

EV12x2…Would each of the following make you more or less likely to consider an electric vehicle? - More high-occupancy vehicle (HOV)/zero-emissions vehicle (ZEV) lanes

Response	Percent	N
Much more likely	10%	45
Somewhat more likely	24%	102
Somewhat less likely	8%	30
Much less likely	5%	21
No difference either way	53%	181

EV12x3…Would each of the following make you more or less likely to consider an electric vehicle? - Increased penalties for motor oil leaks

Response	Percent	N
Much more likely	9%	35
Somewhat more likely	23%	94
Somewhat less likely	12%	43
Much less likely	11%	42
No difference either way	44%	165

EV12x4…Would each of the following make you more or less likely to consider an electric vehicle? - Decreased parking fees or free parking for electric vehicles

Response	Percent	N
Much more likely	20%	86
Somewhat more likely	30%	106
Somewhat less likely	5%	15
Much less likely	7%	26
No difference either way	38%	146

EV12x5…Would each of the following make you more or less likely to consider an electric vehicle? - Fewer gas stations in your local area

Response	Percent	N
Much more likely	13%	47
Somewhat more likely	27%	108
Somewhat less likely	10%	38
Much less likely	10%	41
No difference either way	40%	145

EV12x6…Would each of the following make you more or less likely to consider an electric vehicle? - More electric vehicle charging stations in your local area

Response	Percent	N
Much more likely	35%	127
Somewhat more likely	32%	126
Somewhat less likely	7%	26
Much less likely	3%	12
No difference either way	24%	88

EV12x7…Would each of the following make you more or less likely to consider an electric vehicle? - Restrictions on the use, operation, and parking of gas-powered vehicles

Response	Percent	N
Much more likely	15%	61
Somewhat more likely	29%	116
Somewhat less likely	9%	35
Much less likely	11%	43
No difference either way	36%	124

EV13…How important is it to you that the United States transitions from gas-powered cars to electricity-powered cars?

Response	Percent	N
Very important	25%	100
Somewhat important	35%	131
Not too important	21%	80
Not at all important	20%	68

EV14…Regardless of what kind of car, if any, you typically drive, do you think gasoline or electricity is a better power source for cars, or does it not matter either way?

Response	Percent	N
Electricity	40%	158
Gasoline	37%	131
Doesn’t matter	23%	90

EV15x1…Do you agree or disagree with each of the following statements about electric vehicles (EVs)? - Electric vehicles save consumers money on fuel because electricity is cheaper than gas

Response	Percent	N
Strongly agree	19%	71
Somewhat agree	38%	141
Neither agree nor disagree	26%	102
Somewhat disagree	11%	40
Strongly disagree	6%	25

EV15x2…Do you agree or disagree with each of the following statements about electric vehicles (EVs)? - Electric vehicles are as safe as gas-powered cars

Response	Percent	N
Strongly agree	25%	100
Somewhat agree	25%	94
Neither agree nor disagree	37%	138
Somewhat disagree	8%	24
Strongly disagree	6%	23

EV15x3…Do you agree or disagree with each of the following statements about electric vehicles (EVs)? - Electric vehicles don’t have the range to cover the average American’s daily driving needs

Response	Percent	N
Strongly agree	19%	78
Somewhat agree	31%	110
Neither agree nor disagree	27%	106
Somewhat disagree	15%	58
Strongly disagree	7%	27

EV15x4…Do you agree or disagree with each of the following statements about electric vehicles (EVs)? - Electric vehicles have lower maintenance costs than gas-powered cars

Response	Percent	N
Strongly agree	15%	58
Somewhat agree	19%	70
Neither agree nor disagree	41%	162
Somewhat disagree	15%	51
Strongly disagree	10%	38

EV15x5…Do you agree or disagree with each of the following statements about electric vehicles (EVs)? - Electric vehicles more expensive than gas-powered cars

Response	Percent	N
Strongly agree	45%	167
Somewhat agree	32%	122
Neither agree nor disagree	18%	67
Somewhat disagree	4%	18
Strongly disagree	1%	5

EV15x6…Do you agree or disagree with each of the following statements about electric vehicles (EVs)? - Electric vehicles are better for the environment than gas-powered cars and trucks

Response	Percent	N
Strongly agree	47%	180
Somewhat agree	26%	99
Neither agree nor disagree	16%	61
Somewhat disagree	5%	18
Strongly disagree	5%	21

EV16…How worried are you about air pollution?

Response	Percent	N
Very worried	29%	114
Somewhat worried	45%	165
Not too worried	20%	75
Not worried at all	6%	25

EV17…How worried are you about climate change?

Response	Percent	N
Very worried	39%	161
Somewhat worried	32%	109
Not too worried	19%	69
Not at all worried	10%	40

EV18…Do you think climate change is having a large effect, a moderate effect, a small effect, or no real effect on extreme weather, such as wildfires, droughts, storms, heavy rainfall, and heat waves in your state?

Response	Percent	N
Large effect	40%	162
Moderate effect	31%	104
Small effect	12%	48
No real effect	14%	52
Not sure	4%	13

EV19…Do you agree or disagree with the following statement: Extreme weather, such as wildfires, droughts, storms, heavy rainfall, and heat waves are making it more urgent for your state government to address climate change.

Response	Percent	N
Strongly agree	38%	158
Somewhat agree	32%	112
Somewhat disagree	12%	40
Strongly disagree	11%	43
Not sure	7%	26

EV20…There's currently a policy under consideration in your state requiring all new cars sold in your state to be electric starting in 2030 to reduce air pollution, combat climate change, create jobs, and keep energy dollars in the state. The policy would require all cars and trucks manufactured in 2030 or later be electric. Individuals would still be able to drive, buy, and sell gas-powered cars manufactured before 2030. Do you support or oppose this policy?

Response	Percent	N
Strongly support	28%	101
Somewhat support	27%	109
Somewhat oppose	12%	49
Strongly oppose	21%	78
Not sure	12%	42

EV21x1…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - Air quality

Response	Percent	N
Very positive	44%	166
Somewhat positive	32%	124
No impact either way	19%	70
Somewhat negative	2%	9
Very negative	3%	10

EV21x2…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - Individuals' health

Response	Percent	N
Very positive	28%	110
Somewhat positive	34%	124
No impact either way	31%	118
Somewhat negative	3%	13
Very negative	3%	14

EV21x3…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - Climate change

Response	Percent	N
Very positive	33%	132
Somewhat positive	33%	122
No impact either way	28%	101
Somewhat negative	3%	13
Very negative	3%	11

EV21x4…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - The economy

Response	Percent	N
Very positive	20%	81
Somewhat positive	31%	110
No impact either way	24%	88
Somewhat negative	16%	62
Very negative	10%	38

EV21x5…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - Jobs

Response	Percent	N
Very positive	18%	70
Somewhat positive	30%	113
No impact either way	32%	115
Somewhat negative	14%	54
Very negative	7%	27

EV21x6…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - Rural communities

Response	Percent	N
Very positive	11%	50
Somewhat positive	23%	88
No impact either way	34%	118
Somewhat negative	17%	70
Very negative	14%	53

EV21x7…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - Suburban communities

Response	Percent	N
Very positive	15%	65
Somewhat positive	33%	125
No impact either way	36%	129
Somewhat negative	9%	34
Very negative	7%	26

EV21x8…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - Urban communities

Response	Percent	N
Very positive	20%	85
Somewhat positive	29%	110
No impact either way	31%	111
Somewhat negative	11%	40
Very negative	9%	33

EV21x9…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - Energy independence

Response	Percent	N
Very positive	26%	105
Somewhat positive	34%	123
No impact either way	24%	89
Somewhat negative	7%	30
Very negative	10%	32

EV21x10…If your state were to require all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), do you think it would have a positive or negative impact on each of the following in your state? - Communities of color, including Black, Latino, Asian, and Indigenous communities

Response	Percent	N
Very positive	14%	59
Somewhat positive	18%	66
No impact either way	42%	154
Somewhat negative	15%	61
Very negative	11%	39

EV22…If your state representative supported requiring all new cars and trucks manufactured in 2030 or later to be electric (individuals would still be able to drive, buy, and sell gas-powered vehicles manufactured before 2030), would you be more or less likely to vote for them, or would it not affect your vote either way?

Response	Percent	N
Much more likely	14%	59
Somewhat more likely	29%	111
Somewhat less likely	12%	50
Much less likely	18%	65
No impact either way	26%	94

EV23…There's currently a policy under consideration in your state that would set a goal, but not a requirement, that all new cars and trucks manufactured in 2030 or later be electric. Do you support or oppose this policy?

Response	Percent	N
Strongly support	23%	95
Somewhat support	36%	126
Somewhat oppose	13%	55
Strongly oppose	16%	59
Not sure	12%	44

Sample Statistics (Weighted Frequencies)

Var1	**Freq**
Age18-34	24.6%
Age35-54	33.4%
Age55+	42%
Gender-Female	54%
Gender-Male	46%
Race-Black	11.5%
Race-Other	4.3%
Race-White	84.3%
Education-Advanced	10.9%
Education-Bachelors	22.9%
Education-LessThanBachelors	66.2%
Hispanic-No	98.1%
Hispanic-Yes	1.9%
party-ID: Democrat	34%
party-ID: Independent	33%
party-ID: Republican	29.5%
party-ID: Something else	3.5%
Vote2020: Biden	36.6%
Vote2020: Didn't Vote	27.9%
Vote2020: Someone else	1.1%
Vote2020: Trump	34.4%
Michigan	100%